GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:119
ANSWERED ON:20.02.2001
NEW TECHNOLOGY MISSIONS
PAWAN KUMAR BANSAL

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) Whether the Government have set up some new technology missions: and

(b) If so, the details including the objectives thereof and the allocations made therefor during the current year?

Answer

MINISTER OF STATE FOR SCIENCE & TECHNOLOGY (SHRI BACHI SINGH RAWAT)

a) & b) A statement is attached.

Statement as referred to in reply to parts (a) & (b) of Lok Sabha UnstarredQuestion No. 119 by Shri Pawan Kumar Bansal for 20. 2. 2001.

Although no new technology missions have been set up, the Technology Information Forecasting and Assessment Council (TIFAC) was allocated a sum of 50 Crore in the budget for the year 2000-2001 for developing mission mode technology demonstration projects on the basis of the reports brought out by TIFAC called `The Technology Vision for India 2020`. Presently six sectorshave been identified for taking up projects. These are:

a) Agriculture & Agro Food Processing
b) Road Construction & Transportation Equipments
c) Upgradation of Textile Machinery
d) Services and Maintenance of Healthcare Equipments
e) Upgradation of Science & Engineering Colleges
f) Targetted programmes in other important areas such as Electric Power, Rural Connectivity, Hydrogen Energy, Small & Medium Enterprises etc.

In addition to these mission mode projects, several programmes have been initiated by the Ministry of Science & Technology under the `Jai Vigyan Mission Programme`. The following projects have been taken up under these programmes:

Department of Science & Technology

1. Technology Mission for Visually Impaired

2. Technology Mission for Himalayan Geology with special ref. to provision of natural disasters.

3. Area Development Mission for Andaman and Nicobar Islands through Science & Technology.

4. Jai Vigyan Swasthya Project for Rural Areas- A remote medial diagnostic system.

Department of Biotechnology

1. Development and production of new generation vaccines

2. Biotechnological approaches for coffee improvement.

3. Biotechnological approaches towards herbal product development.

4. Setting up of mirror sites for genomic research.

Council of Scientific & Industrial Research

1. Design and Development, fabrication and air worthiness testing of Light Transport Aircraft (LTA).

Indian Council of Agricultural Research

1. Household food and Nutritional Security with focus on

a) Tribal, backward and hilly areas: b) Increasing the pulses productivity.

2. Sustainable Plant Genetic Resource Conversation strategies: Linking ex situ and on-farm conservation.

Ministry of Environment & Forests

1. Setting up of NOIDA Botanical Garden.

Ministry of Information & Technology

1. Technology Development for Indian Languages

2. National Programme for Braille Literacy with application of information technology.

3. National Programme for development of indigenously developed Integrated Medical Linac for cancer therapy.

Department of Ocean Development

1. Ocean thermal energy conversion

Indian Council of Medical Research

1. National Mission Mode Programme on control of Thalassemia.

2. Jai Vigyan National Missions for rheumatic Fever/ rheumatic Heart Disease Prevention.

Department of Space

1. Cropping system studies using remote sensing and GIS.

2. Disaster Management

3. Biodiversity characterization at landscape level using satellite remote sensing and geographic information system in Andaman & Nicobard Islands.

Department of Atomic Energy

1. Application of nuclear technology in medicine.